

Appl. No. 10/086,043

Response to Office Action of September 11, 2007

Remarks:

1. Claims 1 through 29 were originally presented in the instant application. Claims 1 through 29 were cancelled without prejudice and claims 30 through 76 added in a preliminary amendment accompanying a Request for Continuing Examination filed on December 15, 2005. Claims 33, 34, 46, 56, and 68 are canceled in this paper. No claims have been added. Independent claims 30, 45, 55, and 66 have been amended as described in more detail below. Applicant respectfully requests the Examiner to enter these claim amendments. Claims 30-32, 35-45, 47-55, 57-67, and 69-76 remain pending.

2. Applicant wishes to thank Examiner Carlos Ortiz-Rodriguez and Primary Examiner Alexander Kosowski for providing a telephone interview on Wednesday, October 24, 2007. Applicant has enclosed an interview summary herewith pursuant to MPEP §713.04.

3. Claims 30-76 stand rejected under 35 U.S.C. §102(b) as being anticipated by Clark et al (U.S. Patent 4,968,940). The Examiner repeated this rejection from the March 16, 2007 Office Action and states that columns 6 and 12 of *Clark et al* anticipate the subject matter of independent claims 30, 45, 55, and 66. Applicant respectfully traverses these rejections.

4. As agreed upon in the October 24, 2007 telephone interview, Applicant has amended independent claims 30, 45, 55, and 66 to more particularly point out the inventive subject matter. In particular, claims 30, 45, 55, and 66 have been amended to better define the first and second electrical parameters recited in said independent claims. These amendments are fully supported by previously presented claims 33-34, 46, 56, and 68 such that no new matter has been entered, no new issues have been raised, and no new search should be required. Claims 33-34, 46, 56, and 68 are now canceled.

5. Applicants respectfully submit that claims 30, 45, 55, and 66, as amended, distinguish patentably over *Clark et al*. **Regarding claims 30 and 45**, there is no disclosure or suggestion in *Clark et al* of a first electrical parameter being insensitive to a second electrical parameter, wherein the first electrical parameter comprises one of a resistivity and a dielectric

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constant and the second electrical parameter comprises another of a resistivity and a dielectric constant. **Regarding claim 55**, there is no disclosure or suggestion in *Clark et al* of first and second results being sensitive to a first electrical parameter and insensitive to a second electrical parameter, wherein the first electrical parameter comprises a resistivity and the second electrical parameter comprises a dielectric constant. **Regarding claim 66**, there is no disclosure or suggestion in *Clark et al* of a transformation including a permuted dielectric assumption wherein a first electrical parameter comprises a resistivity and a second electrical parameter comprises a dielectric constant. Accordingly, Applicant requests the Examiner to withdraw the §102(b) rejection of independent claims 30, 45, 55, and 66.

6. For the foregoing reasons, Applicant respectfully submits that as currently amended independent claims 30, 45, 55, and 66 are allowable. Applicant requests reconsideration and allowance of claims 30, 45, 55, and 66. Since independent claims 30, 45, 55, and 66 are allowable, it follows *a fortiori* that dependent claims 31, 32, 35-44, 47-54, 57-65, 67, and 69-76 must also be allowable, since these dependent claims carry with them all the elements of the independent claims to which they ultimately refer.

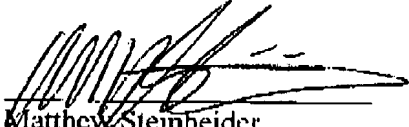
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Applicant believes that in view of the foregoing remarks, pending claims 30-32, 35-45, 47-55, 57-67, and 69-76 are allowable, and that this application is now in full condition for allowance, which action Applicant earnestly solicits. Should the Examiner have any questions, or believe that another telephone interview may expedite the further examination of this application, the Examiner is requested to contact the undersigned at the telephone number shown below.

Respectfully submitted,

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